

**Abstract:**

- A method and system for connecting V.34 enabled fax machines (that is fax machines capable of operating at 33,600 bps) over network gateways that use the un-enhanced T.38 protocol, that is, gateways that have not been upgraded to
- 5 handle the V.34 33,600 bps protocol in fax relay mode. When a gateway detects a V.8 protocol signal, the signal is modified so that the fax machines fall back to non V.34 protocol and operate at a slower speed which the un-enhanced T.38 gateway is capable of handling.